

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING HAZARD IDENTIFICATION BEACON AT THE INTERSECTION OF US 1 (BELAIR ROAD) AND MILTON AVENUE IN HARFORD COUNTY. US 1 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION.

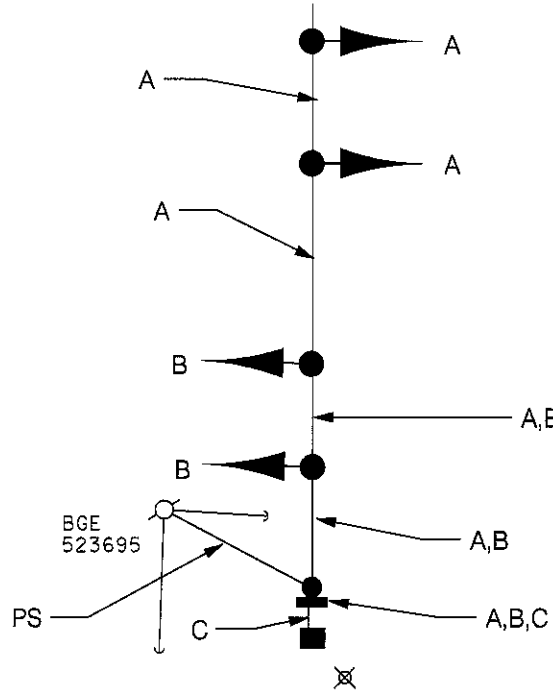
PHASING CHART

PHASING WILL NOT CHANGE

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR. ALL EQUIPMENT SHALL HAVE CATALOG CUTS SUBMITTED TO OOTS FOR APPROVAL PRIOR TO INSTALLATION.		
ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC
2002	1 EA	TEST PIT EXCAVATION
5005	30 LF	FURNISH AND INSTALL 24 IN. HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
8011	4 EA	FURNISH AND INSTALL 12 IN. VEHICULAR SIGNAL HEAD SECTION
8020	1 EA	FURNISH AND INSTALL CONTROL AND DISTRIBUTION EQUIPMENT FOR SIGNAL
8023	1 EA	FURNISH AND INSTALL 60 FT. MAST ARM AND POLE
8048	LS	REMOVE AND DISPOSE OF EXISTING EQUIPMENT
8051	10 LF	FURNISH AND INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - TRENCHED
8057	5 CY	FURNISH AND INSTALL CONCRETE FOR SIGNAL FOUNDATION
8060	10 LF	FURNISH AND INSTALL NO. 6 AWG STRANDED BARE COPPER WIRE
8070	50 LF	FURNISH AND INSTALL ELECTRICAL CABLE 1-CONDUCTOR NO.4 AWG
8072	1 EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8080	1 EA	FURNISH AND INSTALL GROUND ROD 3/4 IN. DIAMETER X 10 FT. LENGTH
8084	300 LF	FURNISH AND INSTALL ELECTRICAL CABLE 5-CONDUCTOR NO. 14 AWG
8092	1 EA	FURNISH AND INSTALL CONTROLLER AND CABINET POLE MOUNT
	1 EA	FURNISH AND INSTALL D3-1 SIGN "MILTON AVE (RT. ARROW)" (VAR. X 16") MAST ARM MOUNT
	1 EA	FURNISH AND INSTALL D3-1 SIGN "MILTON AVE (LT. ARROW) HOSPITAL (ST. ARROW)" (VAR. X 32") MAST ARM MOUNT
	1 EA	FURNISH AND INSTALL R1-1 SIGN (30" X 30") GROUND MOUNT
	15 LF	FURNISH AND INSTALL 4" X 4" WOOD SIGN SUPPORT

WIRING DIAGRAM



WIRING KEY

- A-B 5 CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
- C STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
- X GROUND ROD
- PS PROPOSED SERVICE (OVERHEAD)

EQUIPMENT LIST "A"

A. APPROVED SHA EQUIPMENT TO BE PURCHASED BY THE DEVELOPER AND INSTALLED BY THE CONTRACTOR. ALL EQUIPMENT IN THIS LIST SHALL HAVE CATALOG CUTS SUBMITTED FOR APPROVAL PRIOR TO INSTALLATION.

ITEM NO.	QUANTITY	DESCRIPTION
NONE		

CONTACT PERSONS FOR DISTRICT 4 ARE AS FOLLOWS:

- MR. RANDALL SCOTT  
ASSISTANT DISTRICT ENGINEER - TRAFFIC  
(410) 321-2781

MR. STEVE MARCISZEWSKI  
ASSISTANT DISTRICT ENGINEER - MAINTENANCE  
(410) 321-2761
- MS. SUENETTE POPE  
ASSISTANT DISTRICT ENGINEER - UTILITIES  
(410) 321-2841

CONTACTS FOR OFFICE OF TRAFFIC AND SAFETY

- MR. RICHARD DAFF, SR.  
CHIEF, TRAFFIC OPERATIONS  
(410) 787-7630

MR. EUGENE BAILEY  
TEAM LEADER SIGN OPERATIONS  
(410) 787-7676
- MR. ROBERT SNYDER  
ASSISTANT DIVISION CHIEF,  
TRAFFIC OPERATIONS  
(410) 787-7631

MS. DARLENE EIDE  
SUPPLY OFFICE  
SIGNAL SHOP WAREHOUSE  
(410) 787-7668
- MR. ED RODENHIZER  
TEAM LEADER SIGNAL OPERATIONS  
(410) 787-7652

EQUIPMENT LIST "C"


C. EXISTING EQUIPMENT TO BE REMOVED BY THE CONTRACTOR AND DELIVERED TO THE STATE HIGHWAY ADMINISTRATION, 7491 CONNELLEY DRIVE, HANOVER, MARYLAND 21076. THE CONTRACTOR SHALL NOTIFY THE SHA AT (410) 787-7652 AT LEAST THREE DAYS IN ADVANCE OF DELIVERY.

ITEM NO.	QUANTITY	DESCRIPTION
NONE		

ALL SIGNAL EQUIPMENT TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR

**T****RAFFIC** **C****ONCEPTS**, INC.  
325 Gambrills Road  
Suite E  
Gambrills, MD 21054  
(410) 923-7101

FAX (410) 923-6473  
EMAIL TRACONCEPT@AOL.COM

**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**  
*Office of Traffic & Safety*  
**TRAFFIC ENGINEERING DESIGN DIVISION**  
GENERAL INFORMATION  
US1 (BELAIR ROAD) AND MILTON AVENUE

DRAWN BY: M.HOWELL  
CHECKED BY: T.ZAYDEL  
SCALE: 1" = 20'  
DATE: 3/2004

F.A.P. NO.  
S.H.A. NO.  
COUNTY: HARFORD  
LOG MILE: 12001001.80

TS NO.  
1951A G1  
T.I.M.S. NO.  
6218

SHEET NO.  
2 OF 2